

10/775,980

=> file caplus

FILE 'CAPLUS' ENTERED AT 15:49:21 ON 20 OCT 2004

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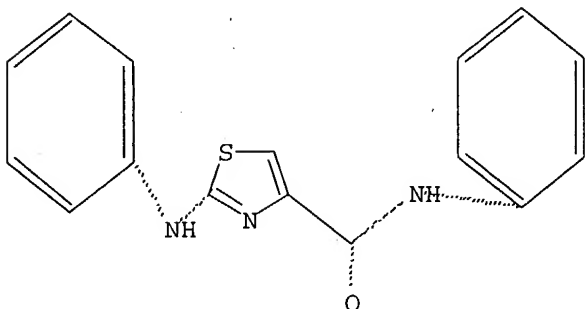
FILE COVERS 1907 - 20 Oct 2004 VOL 141 ISS 17

FILE LAST UPDATED: 19 Oct 2004 (20041019/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 21 SEA FILE=REGISTRY SSS FUL L1

L4 3 SEA FILE=CAPLUS L3

=> d 14 1-3 ibib abs hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:654774 CAPLUS

DOCUMENT NUMBER: 141:190788

TITLE: A preparation of N-containing heterocyclic compounds, useful as vanilloid receptor ligands

INVENTOR(S): Doherty, Elizabeth M.; Fotsch, Christopher H.; Han, Nianhe; Hungate, Randall W.; Liu, Qingyian; Norman, Mark H.; Xi, Ning; Xu, Shimin

PATENT ASSIGNEE(S): Amgen Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 38 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004157845	A1	20040812	US 2004-775980	20040209
WO 2004072068	A1	20040826	WO 2004-US3908	20040209
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

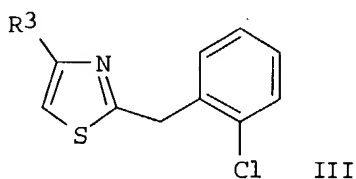
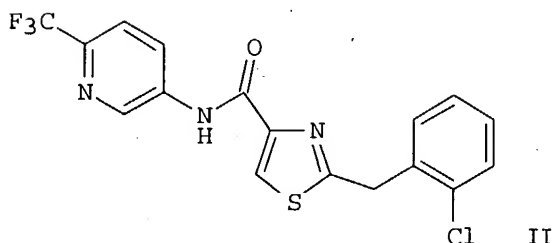
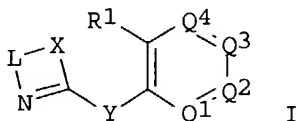
PRIORITY APPLN. INFO.:

US 2003-446511P

P 20030210

OTHER SOURCE(S): MARPAT 141:190788

GI



AB The invention relates to a preparation of N-containing heterocyclic compds. of formula I [wherein: Q1, Q2, Q3, and Q4 are independently selected from N or C(R2); L is a substituted ethylene-1,2-diyl; X is NH, S, S(:O), SO2, or O; Y is NH, O, S, S(:O), or C(:O), etc.; R1 is halo, (halo)alkyl, -NH-alkyl, , or alkoxy, etc.; R2 is H, F, alkyl, or haloalkyl, etc.], useful as vanilloid receptor ligands (no biol. data). Compds. of formula I are useful for the treatment of diseases such as cluster headache, mixed-vascular and non-vascular syndromes, tension headache, general inflammation, arthritis, rheumatic diseases, or osteoarthritis, etc. For instance, (pyridinylamino)thiazole derivative II was prepared via

10/775,980

heterocyclization of 2-Cl-C₆H₄CH₂C(:S)NH₂ with Et bromopyruvate, hydrolysis of the obtained ester III (R₃ = CO₂Et), chlorination of the obtained acid III (R₃ = CO₂H), and subsequent amination of the obtained thiazole derivative III [R₃ = C(:O)Cl] by 3-amino-6-(trifluoromethyl)pyridine (example 1).

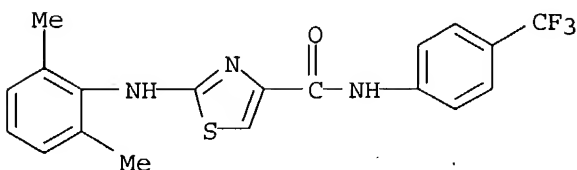
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736972-86-4P 736972-87-5P 736972-89-7P
736972-91-1P 736972-93-3P 736972-94-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

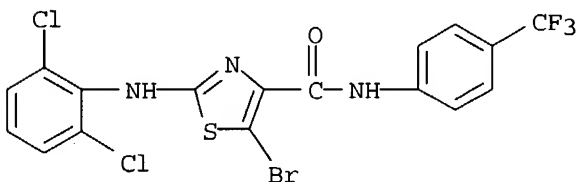
RN 736971-02-1 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dimethylphenyl)amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



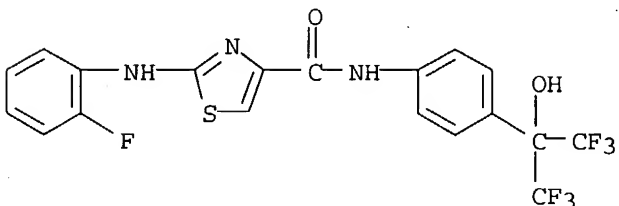
RN 736971-63-4 CAPLUS

CN 4-Thiazolecarboxamide, 5-bromo-2-[(2,6-dichlorophenyl)amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-70-6 CAPLUS

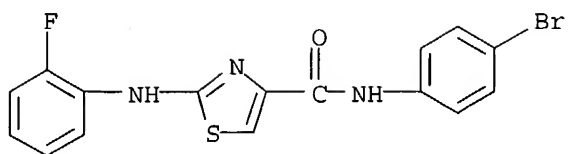
CN 4-Thiazolecarboxamide, 2-[(2-fluorophenyl)amino]-N-[4-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



RN 736972-72-8 CAPLUS

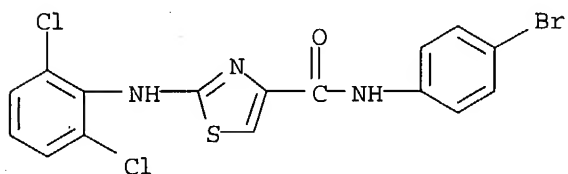
CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

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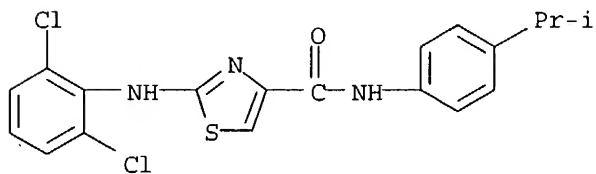
RN 736972-73-9 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2,6-dichlorophenyl)amino]-
(9CI) (CA INDEX NAME)



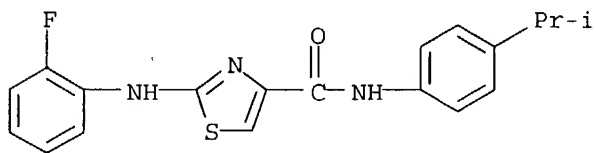
RN 736972-75-1 CAPLUS

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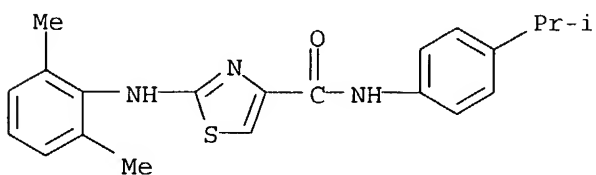
RN 736972-76-2 CAPLUS

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RN 736972-83-1 CAPLUS

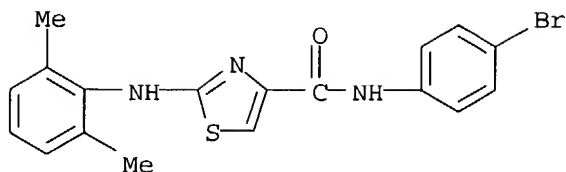
CN 4-Thiazolecarboxamide, 2-[(2,6-dimethylphenyl)amino]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-84-2 CAPLUS

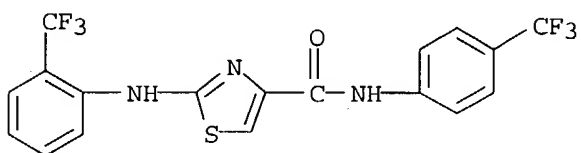
CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2,6-dimethylphenyl)amino]-
(9CI) (CA INDEX NAME)

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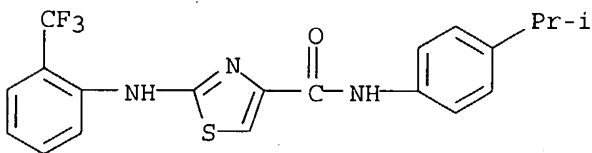
RN 736972-86-4 CAPLUS

CN 4-Thiazolecarboxamide, N-[4-(trifluoromethyl)phenyl]-2-[[2-(trifluoromethyl)phenyl]amino] - (9CI) (CA INDEX NAME)



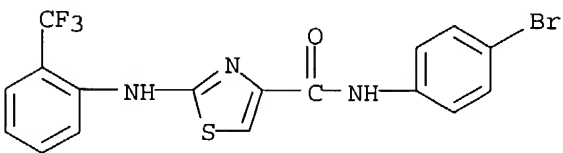
RN 736972-87-5 CAPLUS

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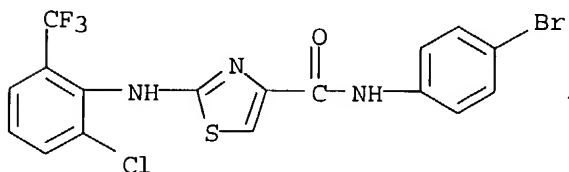
RN 736972-89-7 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[[2-(trifluoromethyl)phenyl]amino] - (9CI) (CA INDEX NAME)



RN 736972-91-1 CAPLUS

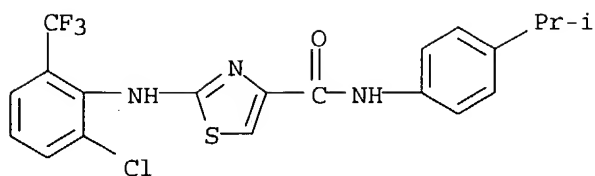
CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[[2-chloro-6-(trifluoromethyl)phenyl]amino] - (9CI) (CA INDEX NAME)



RN 736972-93-3 CAPLUS

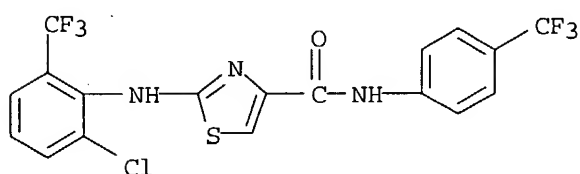
CN 4-Thiazolecarboxamide, 2-[[2-chloro-6-(trifluoromethyl)phenyl]amino]-N-[4-(1-methylethyl)phenyl] - (9CI) (CA INDEX NAME)

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RN 736972-94-4 CAPLUS

CN 4-Thiazolecarboxamide, 2-[[2-chloro-6-(trifluoromethyl)phenyl]amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



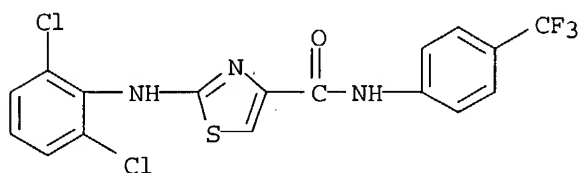
IT 736971-65-6

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

RN 736971-65-6 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



IT 736971-05-4P 736971-07-6P 736971-69-0P

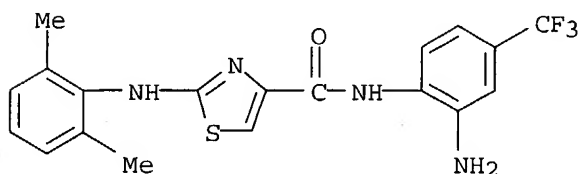
736971-71-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

RN 736971-05-4 CAPLUS

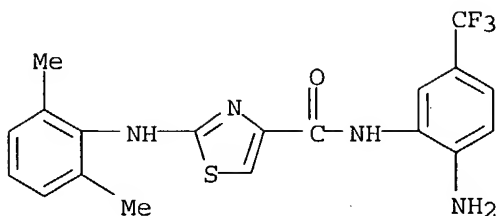
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RN 736971-07-6 CAPLUS

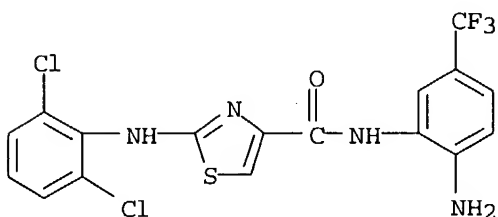
CN 4-Thiazolecarboxamide, N-[2-amino-5-(trifluoromethyl)phenyl]-2-[(2,6-dimethylphenyl)amino]- (9CI) (CA INDEX NAME)

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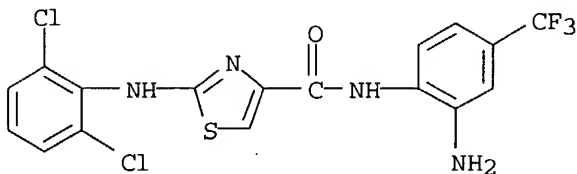
RN 736971-69-0 CAPLUS

CN 4-Thiazolecarboxamide, N-[2-amino-5-(trifluoromethyl)phenyl]-2-[(2,6-dichlorophenyl)amino]- (9CI) (CA INDEX NAME)



RN 736971-71-4 CAPLUS

CN 4-Thiazolecarboxamide, N-[2-amino-4-(trifluoromethyl)phenyl]-2-[(2,6-dichlorophenyl)amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:835624 CAPLUS

DOCUMENT NUMBER: 139:6779

TITLE: Product class 17: thiazoles

AUTHOR(S): Kikelj, D.; Urleb, U.

CORPORATE SOURCE: Fac. Pharm., University Ljubljana, Slovenia

SOURCE: Science of Synthesis (2002), 11, 627-833

CODEN: SSCYJ9

PUBLISHER: Georg Thieme Verlag

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review of synthetic methods to prepare thiazoles as well as reactive modifications of thiazole moieties.

IT 105932-00-1P

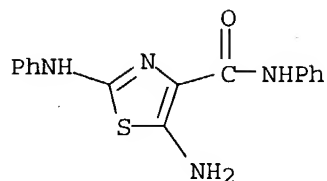
RL: SPN (Synthetic preparation); PREP (Preparation)

(review of preparation of thiazoles and reactions thereof)

RN 105932-00-1 CAPLUS

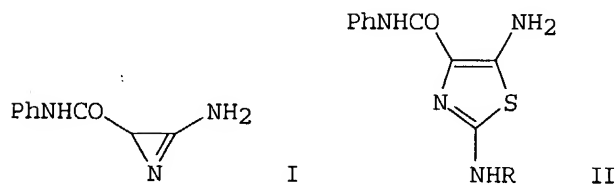
CN 4-Thiazolecarboxamide, 5-amino-N-phenyl-2-(phenylamino)- (9CI) (CA INDEX NAME)

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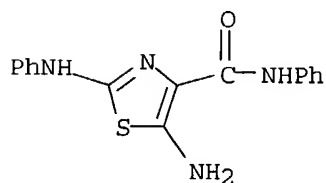


REFERENCE COUNT: 1224 THERE ARE 1224 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1987:18419 CAPLUS
DOCUMENT NUMBER: 106:18419
TITLE: Addition of isocyanates and isothiocyanates to 2-amino-3-phenylcarbamoylazirine
AUTHOR(S): Ereemeev, A. V.; Piskunova, I. P.; El'kinson, R. S.
CORPORATE SOURCE: Inst. Org. Sint., Riga, 226006, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1986), (2), 277-8
CODEN: KGSSAQ; ISSN: 0453-8234
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 106:18419
GI



AB Addition of RNCO (R = Me, Ph) and RNCS (R = Me, Ph) to azirine I gave 60-70% PhNHCOCH(CN)NHCONHR and .apprx.60% thiazoles II, resp.
IT 105932-00-1P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
RN 105932-00-1 CAPLUS
CN 4-Thiazolecarboxamide, 5-amino-N-phenyl-2-(phenylamino)- (9CI) (CA INDEX NAME)



=> => file uspatall
FILE 'USPATFULL' ENTERED AT 15:50:01 ON 20 OCT 2004

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=> file caplus

FILE 'CAPLUS' ENTERED AT 15:58:54 ON 20 OCT 2004

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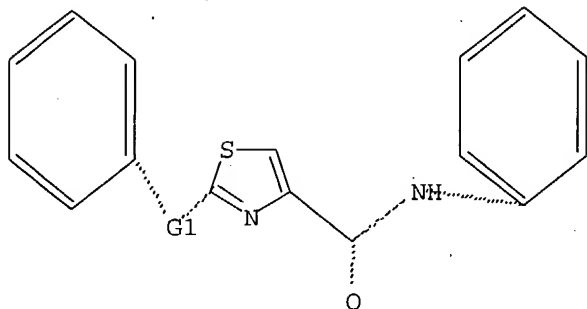
FILE COVERS 1907 - 20 Oct 2004 VOL 141 ISS 17

FILE LAST UPDATED: 19 Oct 2004 (20041019/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que

L1 STR



G1 C,O,S

Structure attributes must be viewed using STN Express query preparation.

L3 75 SEA FILE=REGISTRY SSS FUL L1

L4 3 SEA FILE=CAPLUS L3

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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:654774 CAPLUS

DOCUMENT NUMBER: 141:190788

TITLE: A preparation of N-containing heterocyclic compounds, useful as vanilloid receptor ligands

INVENTOR(S): Doherty, Elizabeth M.; Fotsch, Christopher H.; Han, Nianhe; Hungate, Randall W.; Liu, Qingyian; Norman, Mark H.; Xi, Ning; Xu, Shimin

PATENT ASSIGNEE(S): Amgen Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 38 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004157845	A1	20040812	US 2004-775980	20040209
WO 2004072068	A1	20040826	WO 2004-US3908	20040209
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:

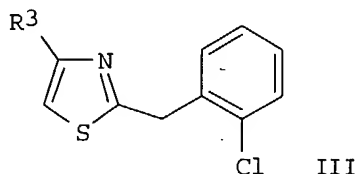
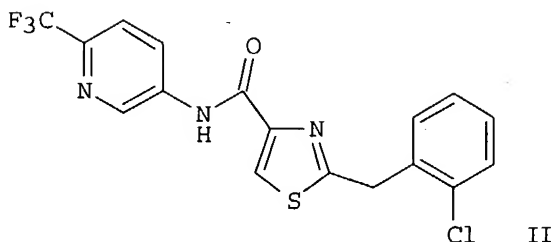
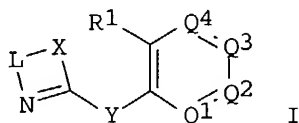
US 2003-446511P

P 20030210

OTHER SOURCE(S):

MARPAT 141:190788

GI



AB The invention relates to a preparation of N-containing heterocyclic compds. of formula I [wherein: Q1, Q2, Q3, and Q4 are independently selected from N or C(R2); L is a substituted ethylene-1,2-diyl; X is NH, S, S(:O), SO2, or O; Y is NH, O, S, S(:O), or C(:O), etc.; R1 is halo, (halo)alkyl, -NH-alkyl, , or alkoxy, etc.; R2 is H, F, alkyl, or haloalkyl, etc.], useful as vanilloid receptor ligands (no biol. data). Compds. of formula I are useful for the treatment of diseases such as cluster headache, mixed-vascular and non-vascular syndromes, tension headache, general inflammation, arthritis, rheumatic diseases, or osteoarthritis, etc. For

10/775,980

instance, (pyridinylamino)thiazole derivative II was prepared via heterocyclization of 2-Cl-C₆H₄CH₂C(:S)NH₂ with Et bromopyruvate, hydrolysis of the obtained ester III (R₃ = CO₂Et), chlorination of the obtained acid III (R₃ = CO₂H), and subsequent amination of the obtained thiazole derivative III [R₃ = C(:O)Cl] by 3-amino-6-(trifluoromethyl)pyridine (example 1).

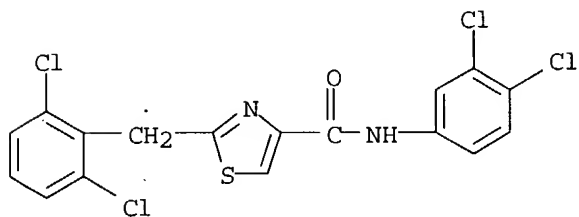
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736972-56-8P 736972-58-0P 736972-60-4P
736972-62-6P 736972-64-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

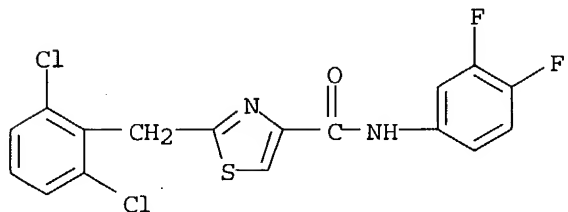
RN 736971-76-9 CAPLUS

CN 4-Thiazolecarboxamide, N-(3,4-dichlorophenyl)-2-[(2,6-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)



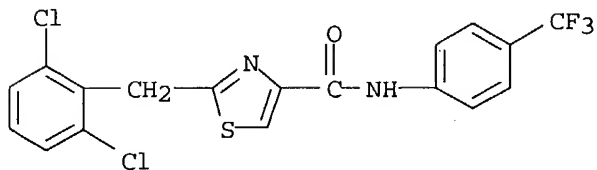
RN 736971-80-5 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-(3,4-difluorophenyl)- (9CI) (CA INDEX NAME)



RN 736971-88-3 CAPLUS

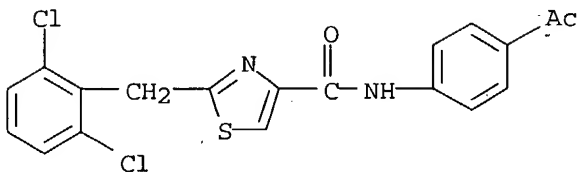
CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



10/775,980

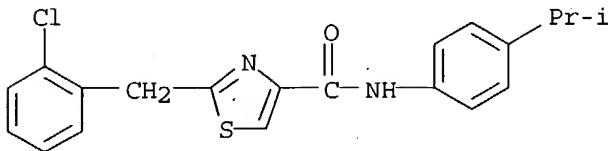
RN 736972-11-5 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-acetylphenyl)-2-[(2,6-dichlorophenyl)methyl]-
(9CI) (CA INDEX NAME)



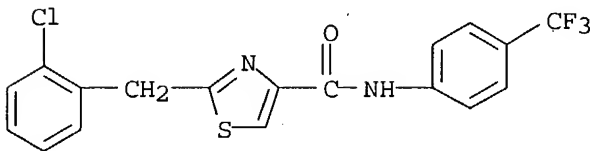
RN 736972-17-1 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2-chlorophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



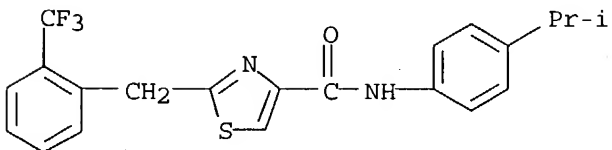
RN 736972-19-3 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2-chlorophenyl)methyl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



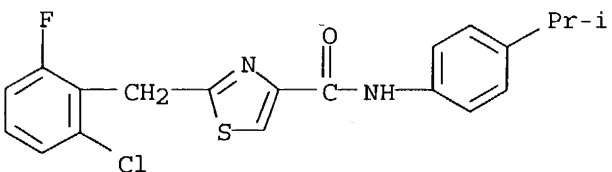
RN 736972-21-7 CAPLUS

CN 4-Thiazolecarboxamide, N-[4-(1-methylethyl)phenyl]-2-[[2-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)



RN 736972-23-9 CAPLUS

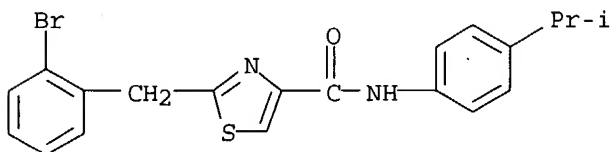
CN 4-Thiazolecarboxamide, 2-[(2-chloro-6-fluorophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



10/775,980

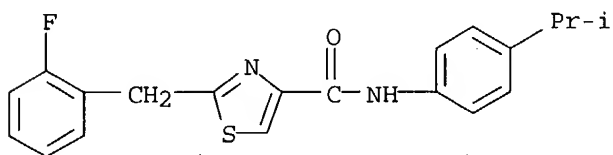
RN 736972-25-1 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2-bromophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



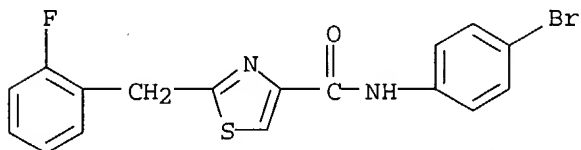
RN 736972-27-3 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2-fluorophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



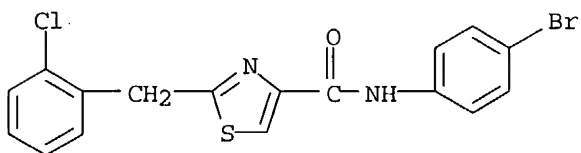
RN 736972-31-9 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)



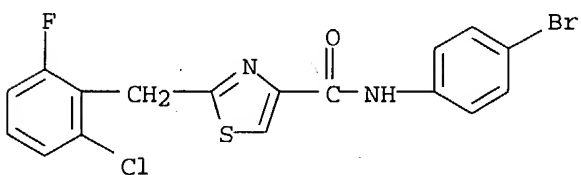
RN 736972-32-0 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 736972-34-2 CAPLUS

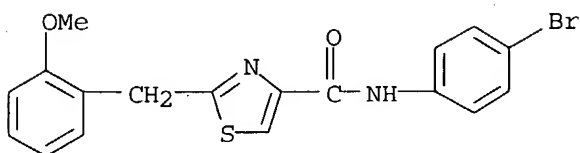
CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-chloro-6-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 736972-39-7 CAPLUS

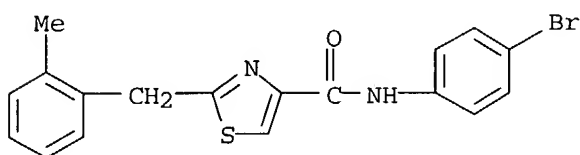
10/775,980

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-methoxyphenyl)methyl]-
(9CI) (CA INDEX NAME)



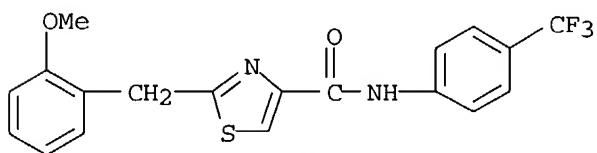
RN 736972-40-0 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-methylphenyl)methyl]- (9CI)
(CA INDEX NAME)



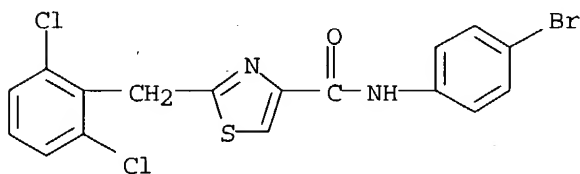
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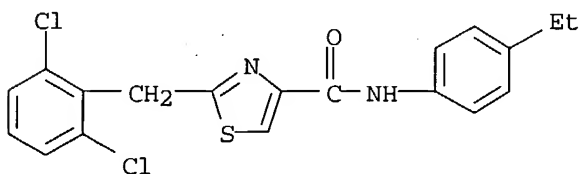
RN 736972-45-5 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2,6-dichlorophenyl)methyl]-
(9CI) (CA INDEX NAME)



RN 736972-47-7 CAPLUS

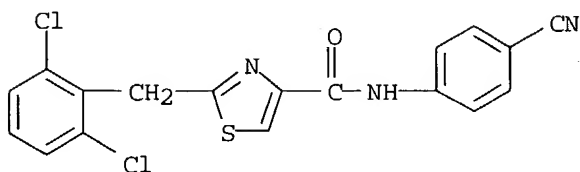
CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-(4-ethylphenyl)-
(9CI) (CA INDEX NAME)



RN 736972-49-9 CAPLUS

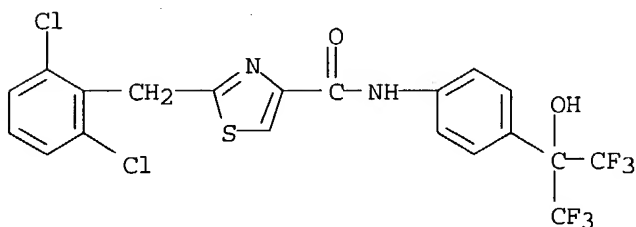
10/775,980

CN 4-Thiazolecarboxamide, N-(4-cyanophenyl)-2-[(2,6-dichlorophenyl)methyl]-
(9CI) (CA INDEX NAME)



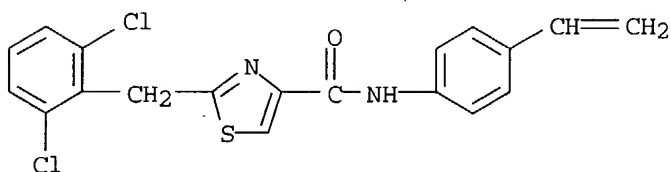
RN 736972-51-3 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



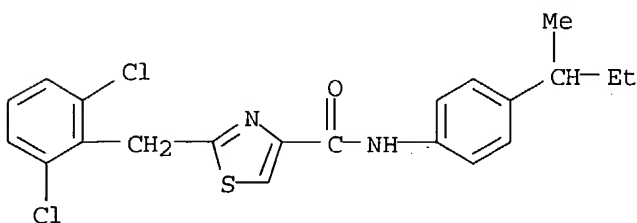
RN 736972-53-5 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-(4-ethenylphenyl)- (9CI) (CA INDEX NAME)



RN 736972-56-8 CAPLUS

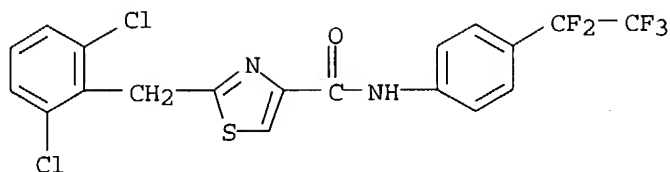
CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(1-methylpropyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-58-0 CAPLUS

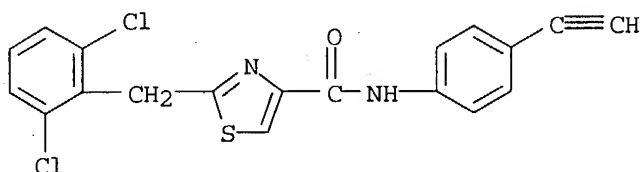
CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(pentafluoroethyl)phenyl]- (9CI) (CA INDEX NAME)

10/775,980



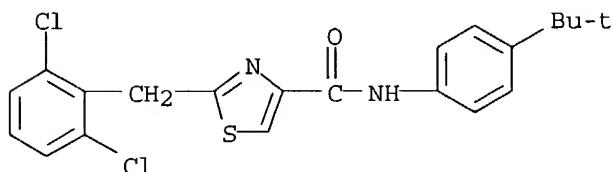
RN 736972-60-4 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-(4-ethynylphenyl)- (9CI) (CA INDEX NAME)



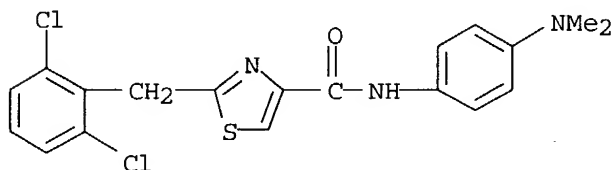
RN 736972-62-6 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(1,1-dimethylethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-64-8 CAPLUS

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)



IT 736971-85-0P

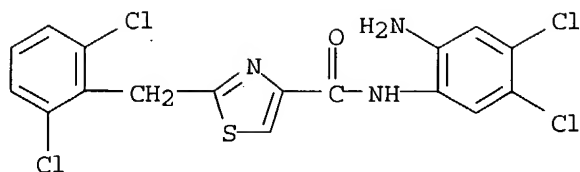
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

RN 736971-85-0 CAPLUS

CN 4-Thiazolecarboxamide, N-(2-amino-4,5-dichlorophenyl)-2-[(2,6-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)

10/775,980



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:98304 CAPLUS

DOCUMENT NUMBER: 132:151564

TITLE: Preparation of substituted anilides as modulators, agonists or antagonists of the CCR5 receptor

INVENTOR(S): Ku, Thomas W.; Bondinell, William E.; Neeb, Michael J.

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

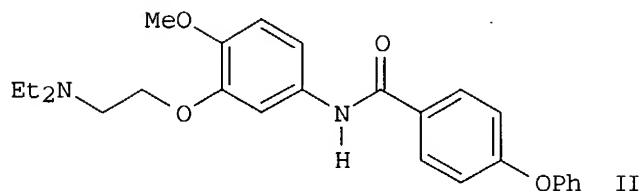
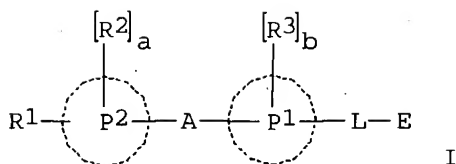
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006146	A1	20000210	WO 1999-US17121	19990728
W: AE, AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2338764	AA	20000210	CA 1999-2338764	19990728
AU 9952392	A1	20000221	AU 1999-52392	19990728
BR 9912406	A	20010424	BR 1999-12406	19990728
EP 1100485	A1	20010523	EP 1999-937589	19990728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200100267	T2	20010921	TR 2001-200100267	19990728
JP 2002521436	T2	20020716	JP 2000-562001	19990728
NO 2001000446	A	20010126	NO 2001-446	20010126
PRIORITY APPLN. INFO.:			US 1998-94406P	P 19980728
			US 1999-134157P	P 19990514
			WO 1999-US17121	W 19990728

OTHER SOURCE(S): MARPAT 132:151564

GI



AB The title compds. [I; the basic N in moiety E may be optionally quaternized with alkyl or is optionally present as the N-oxide; P1, P2 = Ph, fused bicyclic aryl, monocyclic heterocyclyl, etc.; A = CO, O, SOc, etc.; L = CH₂NH, NHCH₂, etc.; R1, R2 = H, alkyl, alkenyl, etc.; R3 = H, alkyl, cycloalkyl, etc.; a, b = 1-3; c = 0-2] which are modulators, agonists or antagonists of the CCR5 receptor, and therefore useful in treating COPD, asthma and atopic disorders, rheumatoid arthritis, atherosclerosis, sarcoidosis and other fibrotic disease, psoriasis, autoimmune diseases such as multiple sclerosis, inflammatory bowel disease, and HIV, were prepared E.g., a synthesis of benzamide II starting with (4-formyl-3,5-dimethoxyphenoxy)-Merrifield resin and 3-[2-(diethylamino)ethoxy]-4-methoxyaniline, was given. Compds. I show CCR5 receptor modulator activity having IC₅₀ values of 0.0001 to 100 μ M.

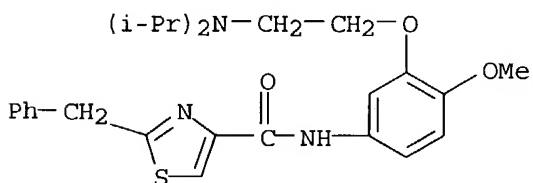
IT 257616-35-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted anilides as modulators, agonists or antagonists of the CCR5 receptor)

RN 257616-35-6 CAPLUS

CN 4-Thiazolecarboxamide, N-[3-[2-[bis(1-methylethyl)amino]ethoxy]-4-methoxyphenyl]-2-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT:

1

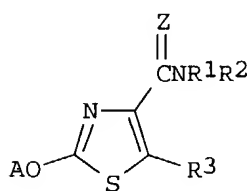
THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/775,980

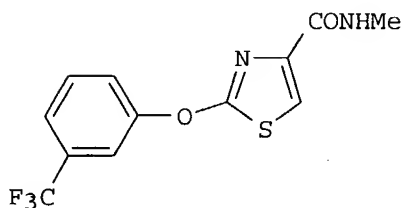
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:491999 CAPLUS
DOCUMENT NUMBER: 122:239689
TITLE: Preparation of herbicidal thiazolecarboxamides
INVENTOR(S): Niedermann, Hans-Peter; Gutheil, Dieter
PATENT ASSIGNEE(S): Shell Internationale Research Maatschappij B. V.,
Neth.
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9427983	A1	19941208	WO 1994-EP1758	19940526
W: AU, BR, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2163786	AA	19941208	CA 1994-2163786	19940526
AU 9470697	A1	19941220	AU 1994-70697	19940526
AU 693454	B2	19980702		
BR 9406686	A	19960206	BR 1994-6686	19940526
EP 700394	A1	19960313	EP 1994-919588	19940526
EP 700394	B1	19980401		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08510461	T2	19961105	JP 1994-500249	19940526
AT 164579	E	19980415	AT 1994-919588	19940526
US 5693594	A	19971202	US 1996-556948	19960425
PRIORITY APPLN. INFO.:			EP 1993-108535	19930527
			WO 1994-EP1758	19940526
OTHER SOURCE(S):		MARPAT 122:239689		
GI				



I



II

AB The title compds. [I; A = (un)substituted Ph, (un)substituted pyridyl; (un)substituted 5-pyrazolyl; R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, (un)substituted aryl, (un)substituted heterocyclyl, etc.; R3 = H, halogen, alkyl; Z = O, S], useful as herbicides, are prepared by the amidation of the corresponding thiazolylcarboxylic acids with amines HNR1R2. Thus, thiazole II, m.p. 109-110°, was prepared and demonstrated 50% herbicidal activity against barnyard grass at 5 kg/ha, vs. 0% herbicidal activity against corn at 5 kg/ha.

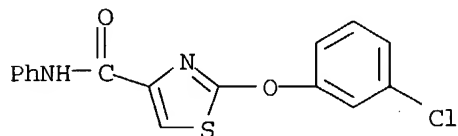
IT 162276-41-7P 162276-44-0P 162276-45-1P
162276-57-5P 162276-58-6P 162276-82-6P
162276-83-7P 162276-84-8P 162276-86-0P
162276-87-1P 162276-88-2P 162276-89-3P
162276-90-6P 162276-91-7P 162276-92-8P
162276-95-1P 162276-96-2P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of herbicidal thiazolecarboxamides)

10/775,980

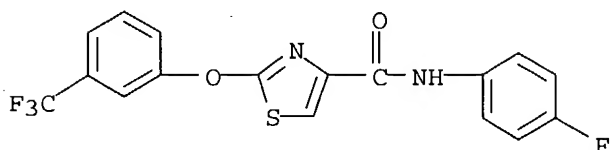
RN 162276-41-7 CAPLUS

CN 4-Thiazolecarboxamide, 2-(3-chlorophenoxy)-N-phenyl- (9CI) (CA INDEX NAME)



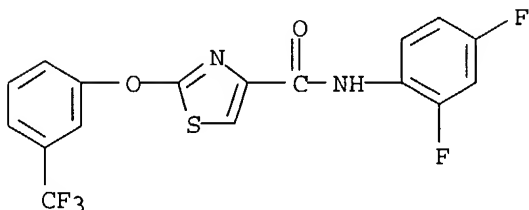
RN 162276-44-0 CAPLUS

CN 4-Thiazolecarboxamide, N-(4-fluorophenyl)-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



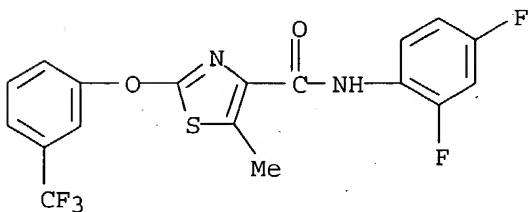
RN 162276-45-1 CAPLUS

CN 4-Thiazolecarboxamide, N-(2,4-difluorophenyl)-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 162276-57-5 CAPLUS

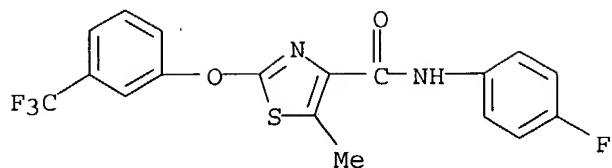
CN 4-Thiazolecarboxamide, N-(2,4-difluorophenyl)-5-methyl-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 162276-58-6 CAPLUS

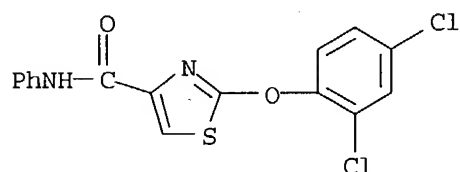
CN 4-Thiazolecarboxamide, N-(4-fluorophenyl)-5-methyl-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

10/775,980



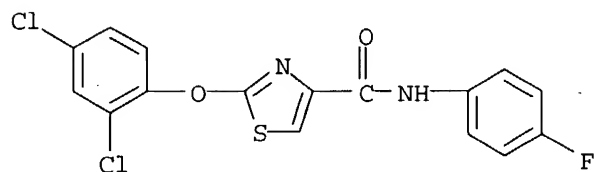
RN 162276-82-6 CAPLUS

CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-phenyl- (9CI) (CA INDEX NAME)



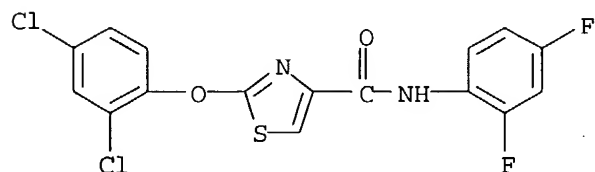
RN 162276-83-7 CAPLUS

CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



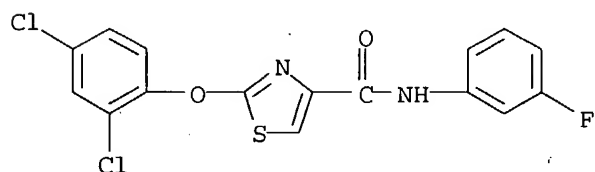
RN 162276-84-8 CAPLUS

CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-(2,4-difluorophenyl)- (9CI) (CA INDEX NAME)



RN 162276-86-0 CAPLUS

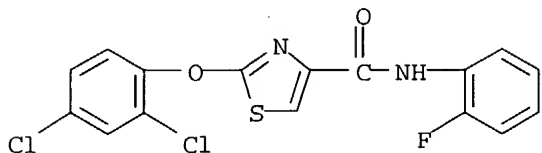
CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-(3-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 162276-87-1 CAPLUS

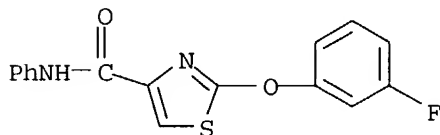
10/775,980

CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-(2-fluorophenyl)- (9CI)
(CA INDEX NAME)



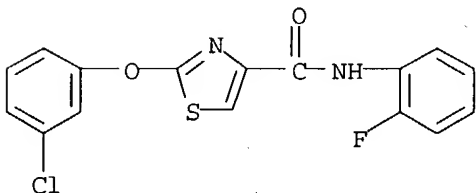
RN 162276-88-2 CAPLUS

CN 4-Thiazolecarboxamide, 2-(3-fluorophenoxy)-N-phenyl- (9CI) (CA INDEX NAME)



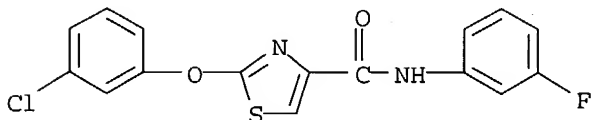
RN 162276-89-3 CAPLUS

CN 4-Thiazolecarboxamide, 2-(3-chlorophenoxy)-N-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



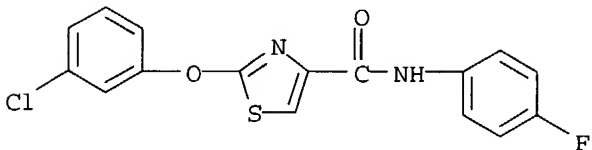
RN 162276-90-6 CAPLUS

CN 4-Thiazolecarboxamide, 2-(3-chlorophenoxy)-N-(3-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 162276-91-7 CAPLUS

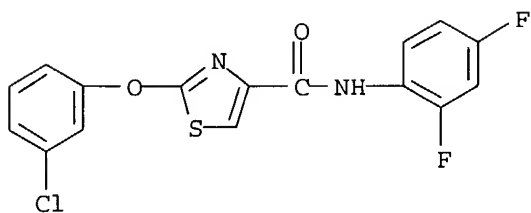
CN 4-Thiazolecarboxamide, 2-(3-chlorophenoxy)-N-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 162276-92-8 CAPLUS

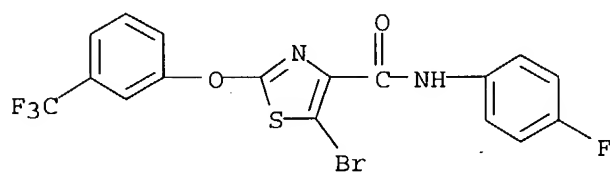
10/775,980

CN 4-Thiazolecarboxamide, 2-(3-chlorophenoxy)-N-(2,4-difluorophenyl)- (9CI)
(CA INDEX NAME)



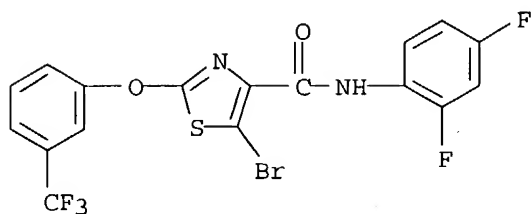
RN 162276-95-1 CAPLUS

CN 4-Thiazolecarboxamide, 5-bromo-N-(4-fluorophenyl)-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 162276-96-2 CAPLUS

CN 4-Thiazolecarboxamide, 5-bromo-N-(2,4-difluorophenyl)-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



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FILE 'USPATFULL' ENTERED AT 15:59:38 ON 20 OCT 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

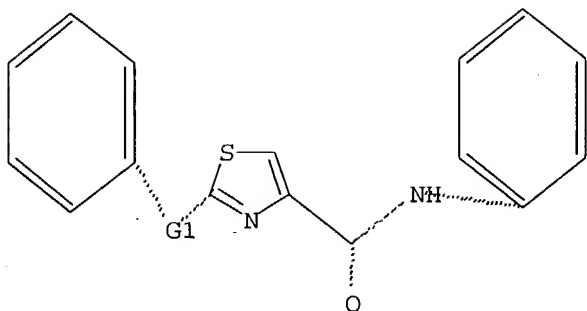
FILE 'USPAT2' ENTERED AT 15:59:38 ON 20 OCT 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que

L1 STR

10/775,980



G1 C,O,S

Structure attributes must be viewed using STN Express query preparation.

L3 75 SEA FILE=REGISTRY SSS FUL L1

L5 2 SEA L3

=> d 15 1-2 ibib abs hitstr

L5 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2004:203953 USPATFULL

TITLE: Vanilloid receptor ligands and their use in treatments

INVENTOR(S): Doherty, Elizabeth M., Newbury Park, CA, UNITED STATES
Fotsch, Christopher H., Thousand Oaks, CA, UNITED STATES

Han, Nianhe, Thousand Oaks, CA, UNITED STATES

Hungate, Randall W., Camarillo, CA, UNITED STATES

Liu, Qingyan, Camarillo, CA, UNITED STATES

Norman, Mark H., Thousand Oaks, CA, UNITED STATES

Xi, Ning, Thousand Oaks, CA, UNITED STATES

Xu, Shimin, Thousand Oaks, CA, UNITED STATES

PATENT ASSIGNEE(S): Amgen Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004157845	A1	20040812
APPLICATION INFO.:	US 2004-775980	A1	20040209 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-446511P	20030210 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	U.S. Patent Operations/RVP, Dept. 4300, M/S 27-4-A, AMGEN INC., One Amgen Center Drive, Thousand Oaks, CA, 91320-1799	

NUMBER OF CLAIMS: 6

EXEMPLARY CLAIM: 1

LINE COUNT: 1828

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the general structure ##STR1##

and compositions containing them, for the treatment of acute, inflammatory and neuropathic pain, dental pain, general headache, migraine, cluster headache, mixed-vascular and non-vascular syndromes, tension headache, general inflammation, arthritis, rheumatic diseases, osteoarthritis, inflammatory bowel disorders, inflammatory eye disorders, inflammatory or unstable bladder disorders, psoriasis, skin

complaints with inflammatory components, chronic inflammatory conditions, inflammatory pain and associated hyperalgesia and allodynia, neuropathic pain and associated hyperalgesia and allodynia, diabetic neuropathy pain, causalgia, sympathetically maintained pain, deafferentation syndromes, asthma, epithelial tissue damage or dysfunction, herpes simplex, disturbances of visceral motility at respiratory, genitourinary, gastrointestinal or vascular regions, wounds, burns, allergic skin reactions, pruritus, vitiligo, general gastrointestinal disorders, gastric ulceration, duodenal ulcers, diarrhea, gastric lesions induced by necrotising agents, hair growth, vasomotor or allergic rhinitis, bronchial disorders or bladder disorders.

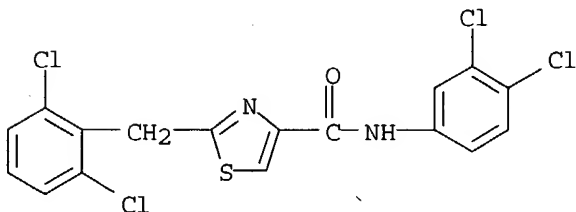
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 736971-76-9P 736971-80-5P 736971-88-3P
 736972-11-5P 736972-17-1P 736972-19-3P
 736972-21-7P 736972-23-9P 736972-25-1P
 736972-27-3P 736972-31-9P 736972-32-0P
 736972-34-2P 736972-39-7P 736972-40-0P
 736972-42-2P 736972-45-5P 736972-47-7P
 736972-49-9P 736972-51-3P 736972-53-5P
 736972-56-8P 736972-58-0P 736972-60-4P
 736972-62-6P 736972-64-8P

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

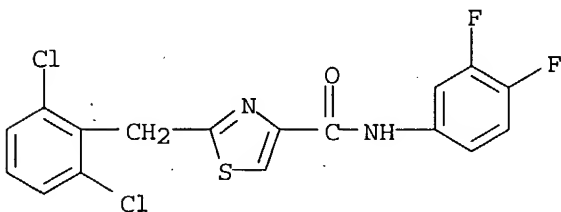
RN 736971-76-9 USPATFULL

CN 4-Thiazolecarboxamide, N-(3,4-dichlorophenyl)-2-[(2,6-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 736971-80-5 USPATFULL

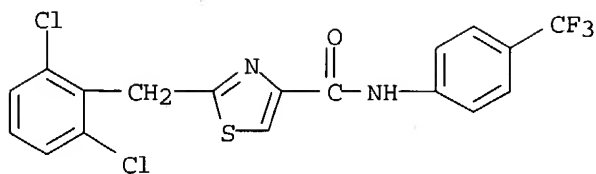
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RN 736971-88-3 USPATFULL

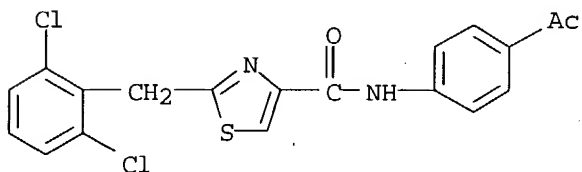
CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

10/775,980



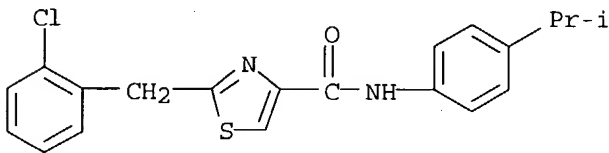
RN 736972-11-5 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-acetylphenyl)-2-[(2,6-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)



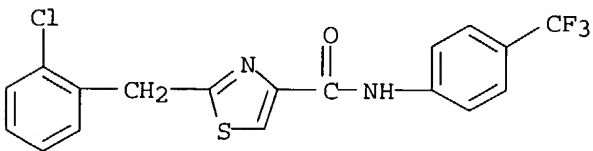
RN 736972-17-1 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2-chlorophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



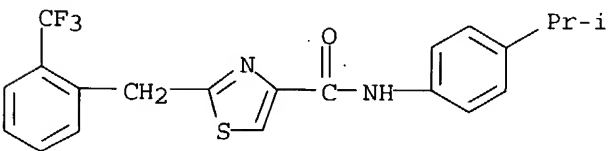
RN 736972-19-3 USPATFULL

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RN 736972-21-7 USPATFULL

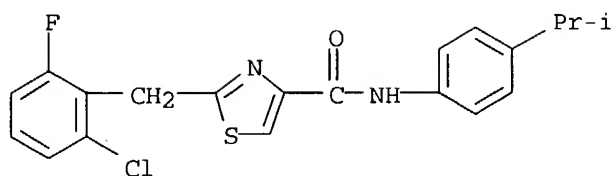
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RN 736972-23-9 USPATFULL

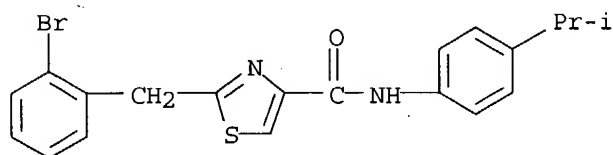
CN 4-Thiazolecarboxamide, 2-[(2-chloro-6-fluorophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)

10/775,980



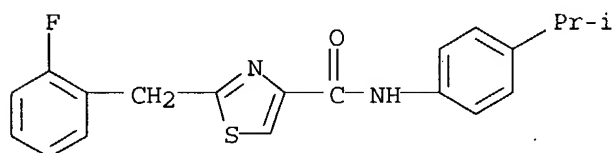
RN 736972-25-1 USPATFULL

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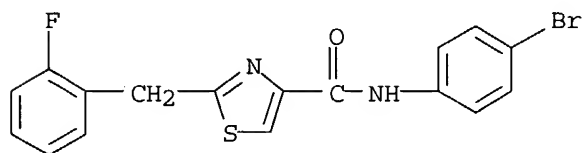
RN 736972-27-3 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2-fluorophenyl)methyl]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



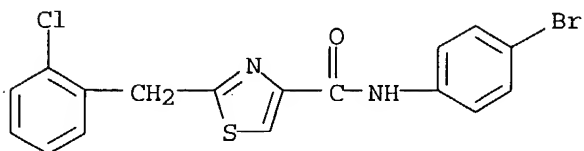
RN 736972-31-9 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 736972-32-0 USPATFULL

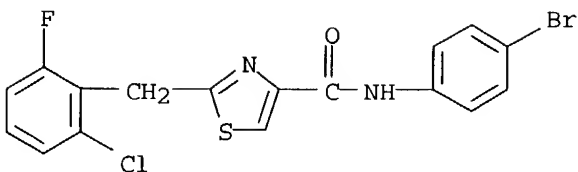
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RN 736972-34-2 USPATFULL

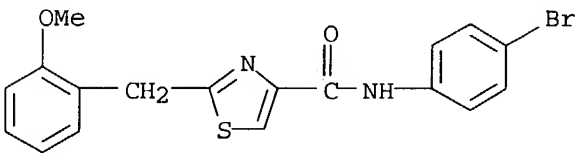
CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-chloro-6-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)

10/775,980



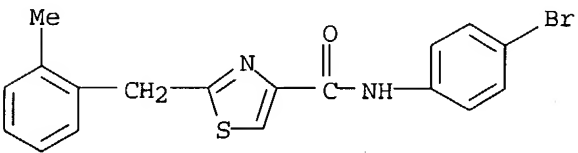
RN 736972-39-7 USPATFULL

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(9CI) (CA INDEX NAME)



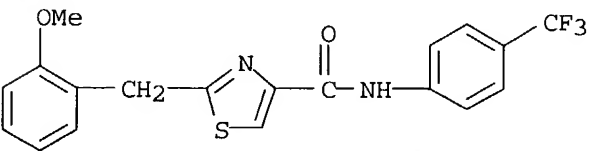
RN 736972-40-0 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2-methylphenyl)methyl]- (9CI)
(CA INDEX NAME)



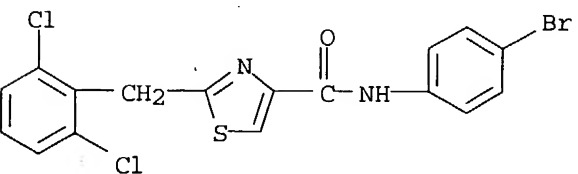
RN 736972-42-2 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2-methoxyphenyl)methyl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-45-5 USPATFULL

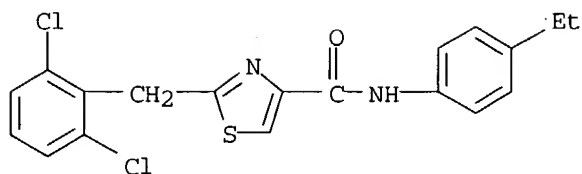
CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2,6-dichlorophenyl)methyl]-
(9CI) (CA INDEX NAME)



RN 736972-47-7 USPATFULL

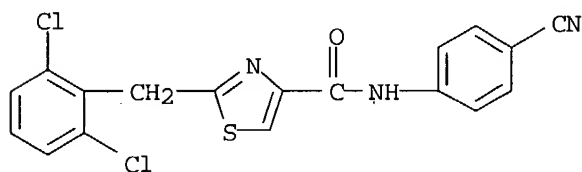
CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-(4-ethylphenyl)-
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10/775,980



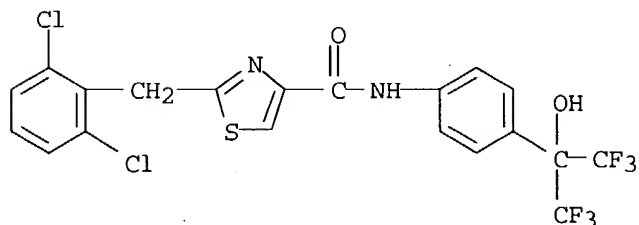
RN 736972-49-9 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-cyanophenyl)-2-[(2,6-dichlorophenyl)methyl]-
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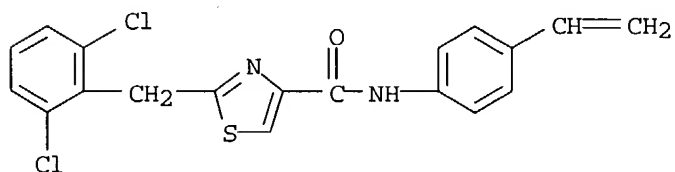
RN 736972-51-3 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



RN 736972-53-5 USPATFULL

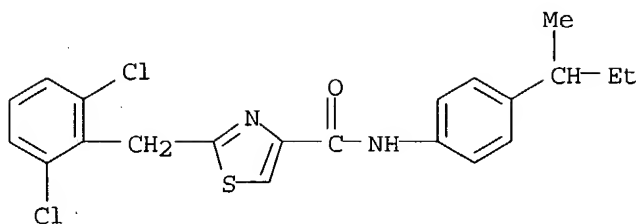
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(9CI) (CA INDEX NAME)



RN 736972-56-8 USPATFULL

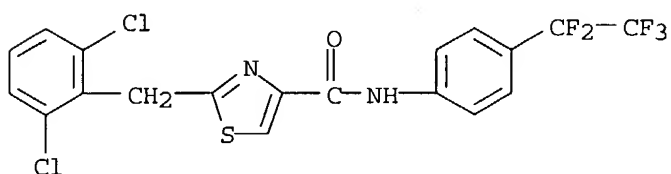
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10/775,980



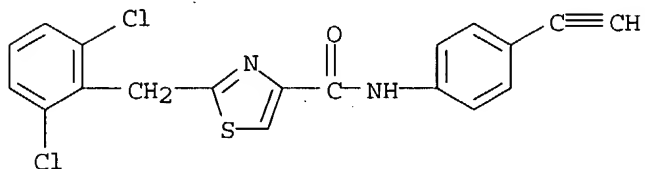
RN 736972-58-0 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(pentafluoroethyl)phenyl]- (9CI) (CA INDEX NAME)



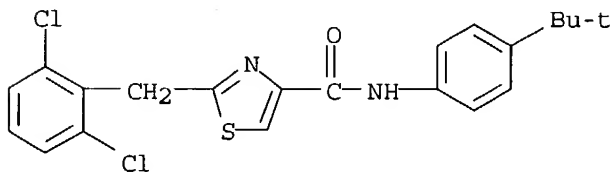
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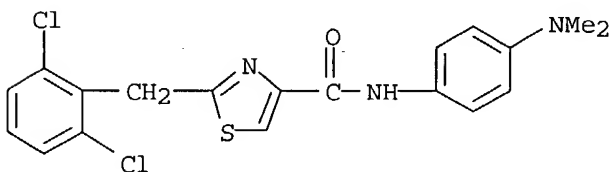
RN 736972-62-6 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(1,1-dimethylethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-64-8 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)methyl]-N-[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)



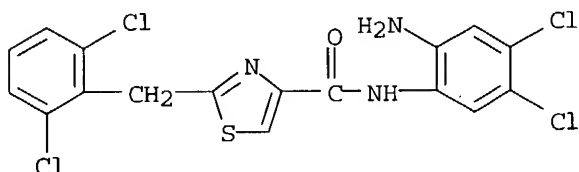
10/775,980

IT 736971-85-0P

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

RN 736971-85-0 USPATFULL

CN 4-Thiazolecarboxamide, N-(2-amino-4,5-dichlorophenyl)-2-[(2,6-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 97:112426 USPATFULL

TITLE: Herbicidal thiazole derivatives

INVENTOR(S): Niedermann, Hans-Peter, Bubenheim, Germany, Federal Republic of
Gutheil, Dieter, Bretzenheim, Germany, Federal Republic of

PATENT ASSIGNEE(S): American Cyanamid Company, Madison, NJ, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5693594		19971202
	WO 9427983		19941208
APPLICATION INFO.:	US 1996-556948		19960425 (8)
	WO 1994-EP1758		19940526
			19960425 PCT 371 date
			19960425 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1993-108535	19930527
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Gerstl, Robert	
LEGAL REPRESENTATIVE:	Costello, Jr., Charles F.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	924	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of general formula (I) wherein: A represents a group of general formula (1) or (2) in which each X independently represents a halogen atom or an optionally substituted alkyl, cycloalkyl, alkoxy, aryl or aryloxy group, or an alkenyloxy, alkynyloxy, alkylthio, haloalkylthio, alkenylthio, alkynylthio, alkylsulphinyl, alkylsulphonyl or cyano group; and n is 0, an integer from 1 to 4, or, for the phenyl group, 5; or A represents a group of general formula (3) in which each of R^{sup.4}, R^{sup.5} and R^{sup.6} independently represents a hydrogen or halogen atom, an optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, alkaryl alkoxy, amino, mono- or di-alkylamino, alkoxycarbonylamino, arylamino, dialkylcarbamoyl, acyl or acylamido group or a cyano group, with the proviso that R^{sup.5} and R^{sup.6} do not represent an acyl, acylamido or cyano group; Z represents an oxygen or sulphur atom; R^{sup.1} and R^{sup.2} each independently represents a hydrogen atom or an optionally substituted alkyl, alkenyl,

alkynyl, cycloalkyl, cycloalkylalkyl, heterocyclyl, aryl, aralkyl, alkaryl, hydroxy, alkoxy, alkenyloxy, alkynyloxy, alkylcarbonyl, alkoxy carbonyl, amino, mono- or di-alkylamino, alkoxy carbonylamino, arylamino, arylalkylamino or dialkylcarbonyl group, or together represent an alkylene chain which is optionally interrupted by an oxygen or sulphur atom or by a group --NR-- in which R represents a hydrogen atom or an alkyl group; and R.sup.3 represents a hydrogen or halogen atom or an alkyl group.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 162276-41-7P 162276-44-0P 162276-45-1P

162276-57-5P 162276-58-6P 162276-82-6P

162276-83-7P 162276-84-8P 162276-86-0P

162276-87-1P 162276-88-2P 162276-89-3P

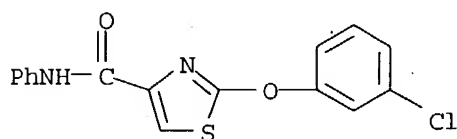
162276-90-6P 162276-91-7P 162276-92-8P

162276-95-1P 162276-96-2P

(preparation of herbicidal thiazolecarboxamides)

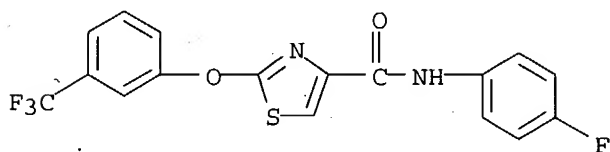
RN 162276-41-7 USPATFULL

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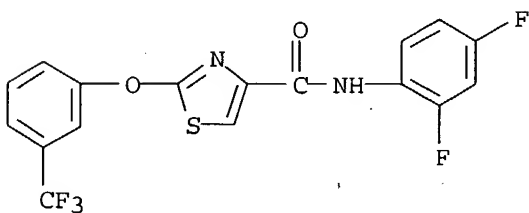
RN 162276-44-0 USPATFULL

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RN 162276-45-1 USPATFULL

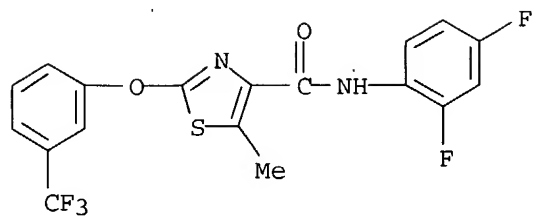
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RN 162276-57-5 USPATFULL

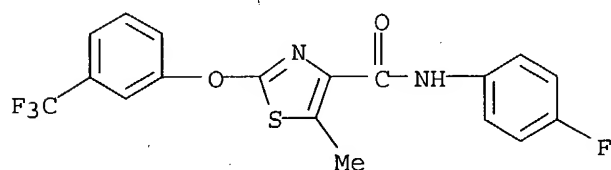
CN 4-Thiazolecarboxamide, N-(2,4-difluorophenyl)-5-methyl-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

10/775,980



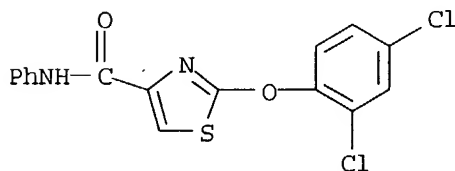
RN 162276-58-6 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-fluorophenyl)-5-methyl-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



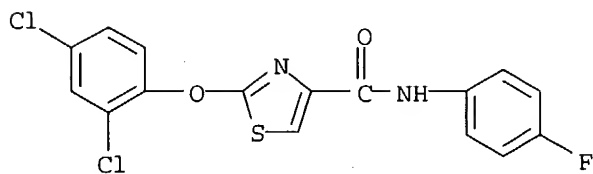
RN 162276-82-6 USPATFULL

CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-phenyl- (9CI) (CA INDEX NAME)



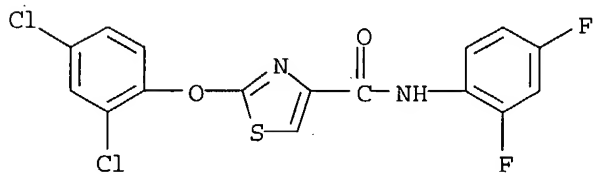
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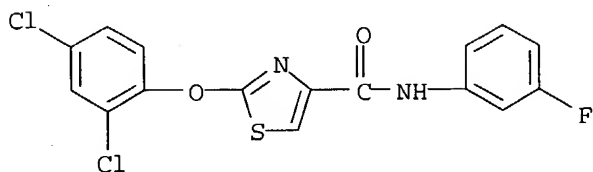
RN 162276-84-8 USPATFULL

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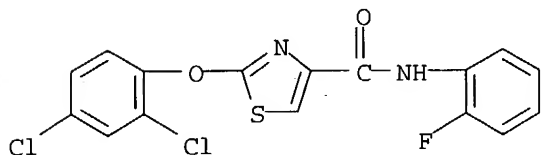


10/775,980

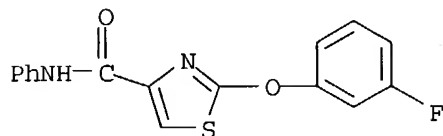
RN 162276-86-0 USPATFULL
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(CA INDEX NAME)



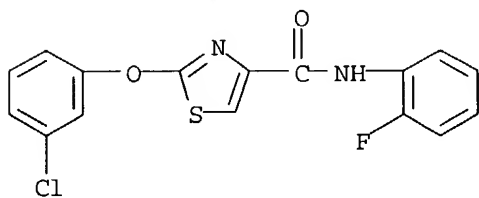
RN 162276-87-1 USPATFULL
CN 4-Thiazolecarboxamide, 2-(2,4-dichlorophenoxy)-N-(2-fluorophenyl)- (9CI)
(CA INDEX NAME)



RN 162276-88-2 USPATFULL
CN 4-Thiazolecarboxamide, 2-(3-fluorophenoxy)-N-phenyl- (9CI) (CA INDEX NAME)

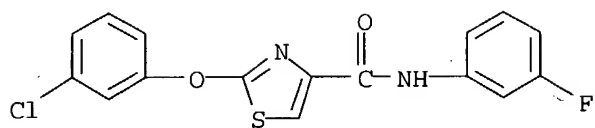


RN 162276-89-3 USPATFULL
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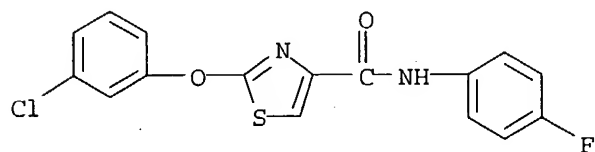
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CN 4-Thiazolecarboxamide, 2-(3-chlorophenoxy)-N-(3-fluorophenyl)- (9CI) (CA INDEX NAME)

10/775,980



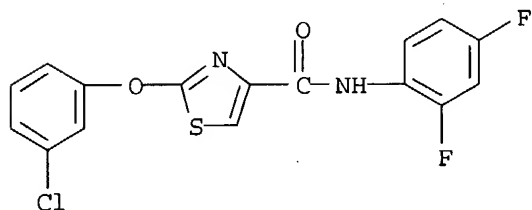
RN 162276-91-7 USPATFULL

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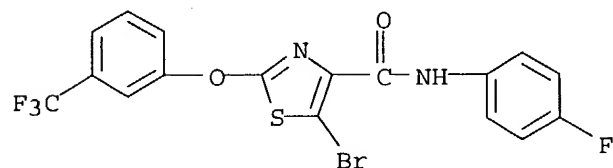
RN 162276-92-8 USPATFULL

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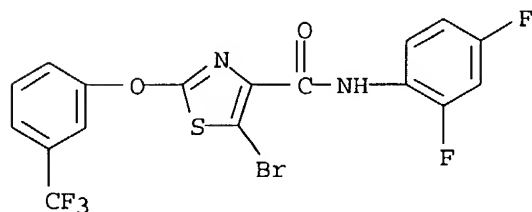
RN 162276-95-1 USPATFULL

CN 4-Thiazolecarboxamide, 5-bromo-N-(4-fluorophenyl)-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 162276-96-2 USPATFULL

CN 4-Thiazolecarboxamide, 5-bromo-N-(2,4-difluorophenyl)-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



10/775,980

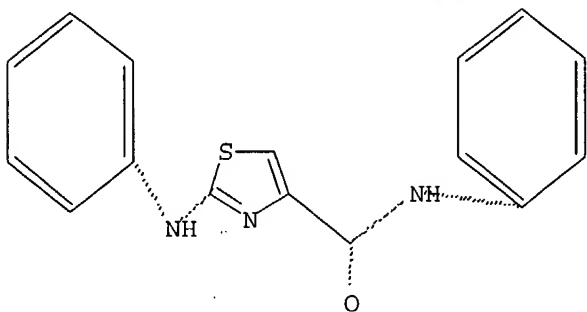
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:50:01 ON 20 OCT 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 21 SEA FILE-REGISTRY SSS FUL L1

L5 1 SEA L3

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L5 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2004:203953 USPATFULL

TITLE: Vanilloid receptor ligands and their use in treatments

INVENTOR(S): Doherty, Elizabeth M., Newbury Park, CA, UNITED STATES

Fotsch, Christopher H., Thousand Oaks, CA, UNITED STATES

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Xu, Shimin, Thousand Oaks, CA, UNITED STATES

PATENT ASSIGNEE(S): Amgen Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004157845	A1	20040812
APPLICATION INFO.:	US 2004-775980	A1	20040209 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-446511P	20030210 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	U.S. Patent Operations/RVP, Dept. 4300, M/S 27-4-A, AMGEN INC., One Amgen Center Drive, Thousand Oaks, CA, 91320-1799	

NUMBER OF CLAIMS: 6

EXEMPLARY CLAIM: 1

LINE COUNT: 1828

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the general structure ##STR1##

and compositions containing them, for the treatment of acute,

inflammatory and neuropathic pain, dental pain, general headache, migraine, cluster headache, mixed-vascular and non-vascular syndromes, tension headache, general inflammation, arthritis, rheumatic diseases, osteoarthritis, inflammatory bowel disorders, inflammatory eye disorders, inflammatory or unstable bladder disorders, psoriasis, skin complaints with inflammatory components, chronic inflammatory conditions, inflammatory pain and associated hyperalgesia and allodynia, neuropathic pain and associated hyperalgesia and allodynia, diabetic neuropathy pain, causalgia, sympathetically maintained pain, deafferentation syndromes, asthma, epithelial tissue damage or dysfunction, herpes simplex, disturbances of visceral motility at respiratory, genitourinary, gastrointestinal or vascular regions, wounds, burns, allergic skin reactions, pruritus, vitiligo, general gastrointestinal disorders, gastric ulceration, duodenal ulcers, diarrhea, gastric lesions induced by necrotising agents, hair growth, vasomotor or allergic rhinitis, bronchial disorders or bladder disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 736971-02-1P 736971-63-4P 736972-70-6P

736972-72-8P 736972-73-9P 736972-75-1P

736972-76-2P 736972-83-1P 736972-84-2P

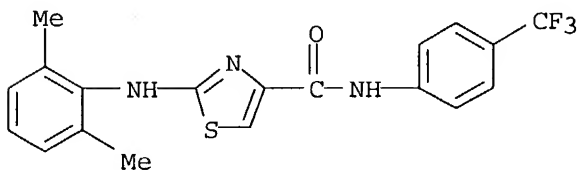
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736972-91-1P 736972-93-3P 736972-94-4P

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

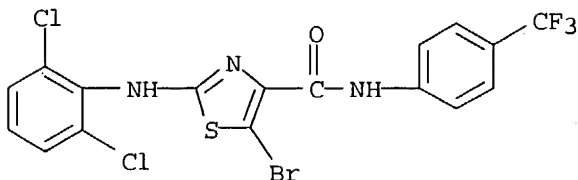
RN 736971-02-1 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2,6-dimethylphenyl)amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736971-63-4 USPATFULL

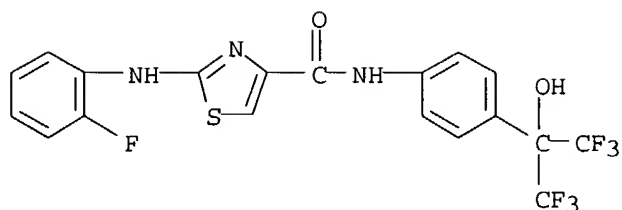
CN 4-Thiazolecarboxamide, 5-bromo-2-[(2,6-dichlorophenyl)amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-70-6 USPATFULL

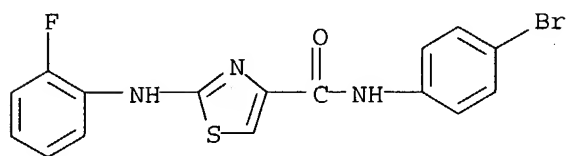
CN 4-Thiazolecarboxamide, 2-[(2-fluorophenyl)amino]-N-[4-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)

10/775,980



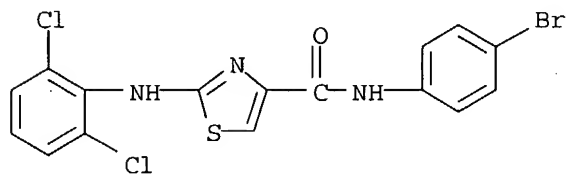
RN 736972-72-8 USPATFULL

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(CA INDEX NAME)



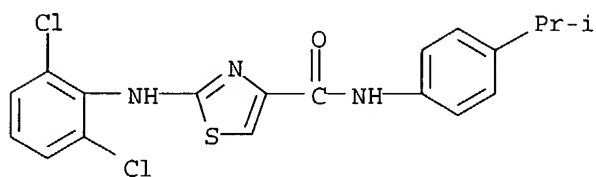
RN 736972-73-9 USPATFULL

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(CA INDEX NAME)



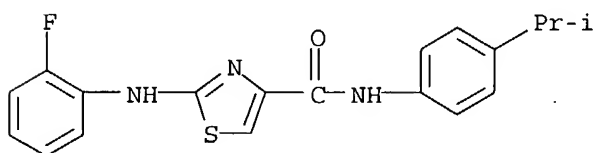
RN 736972-75-1 USPATFULL

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(CA INDEX NAME)



RN 736972-76-2 USPATFULL

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(CA INDEX NAME)

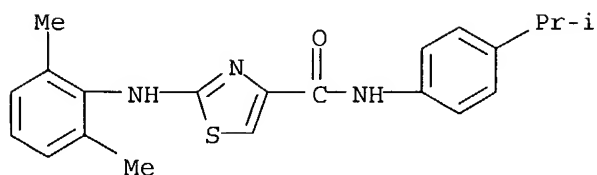


RN 736972-83-1 USPATFULL

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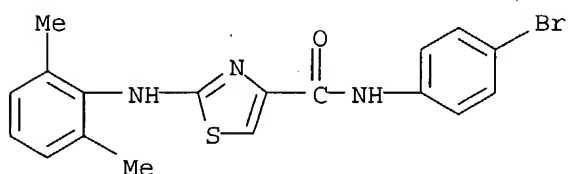
10/775,980

methylethyl)phenyl]- (9CI) (CA INDEX NAME)



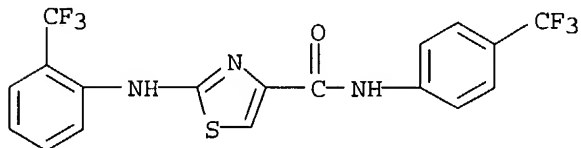
RN 736972-84-2 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[(2,6-dimethylphenyl)amino]- (9CI) (CA INDEX NAME)



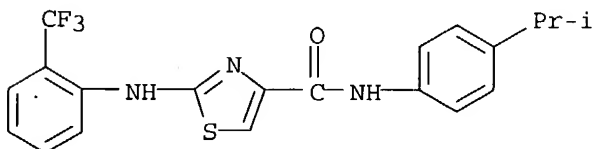
RN 736972-86-4 USPATFULL

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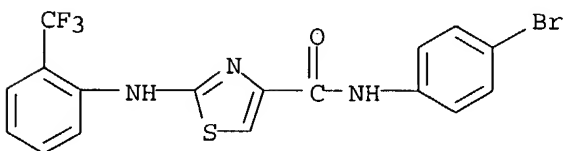
RN 736972-87-5 USPATFULL

CN 4-Thiazolecarboxamide, N-[4-(1-methylethyl)phenyl]-2-[[2-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 736972-89-7 USPATFULL

CN 4-Thiazolecarboxamide, N-(4-bromophenyl)-2-[[2-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)

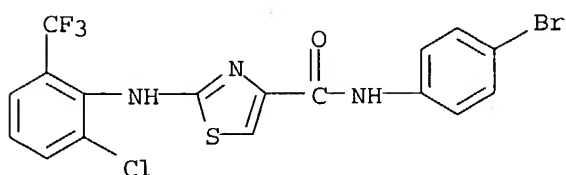


RN 736972-91-1 USPATFULL

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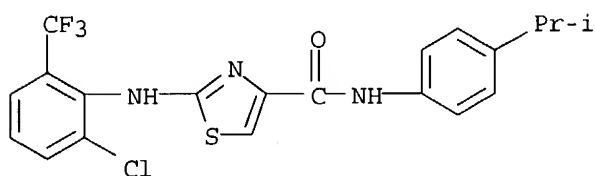
10/775,980

(trifluoromethyl)phenyl]amino] - (9CI) (CA INDEX NAME)



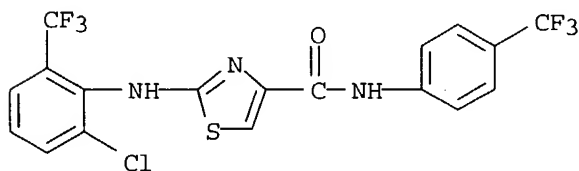
RN 736972-93-3 USPATFULL

CN 4-Thiazolecarboxamide, 2-[[2-chloro-6-(trifluoromethyl)phenyl]amino]-N-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 736972-94-4 USPATFULL

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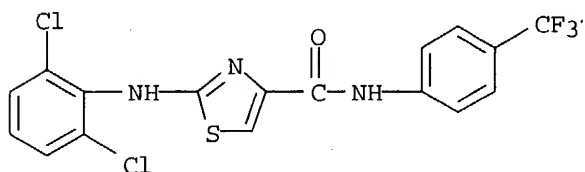


IT 736971-65-6

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

RN 736971-65-6 USPATFULL

CN 4-Thiazolecarboxamide, 2-[(2,6-dichlorophenyl)amino]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



IT 736971-05-4P 736971-07-6P 736971-69-0P

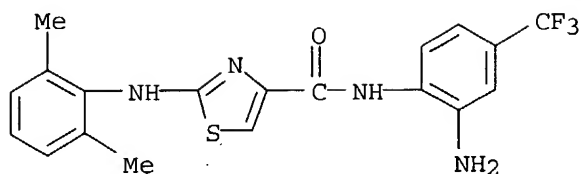
736971-71-4P

(preparation of heterocyclic compds., useful as vanilloid receptor ligands)

RN 736971-05-4 USPATFULL

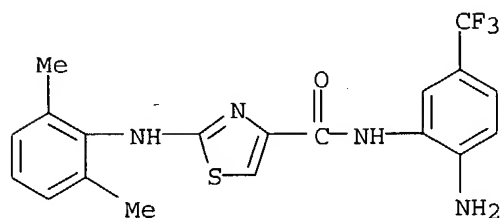
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10/775,980



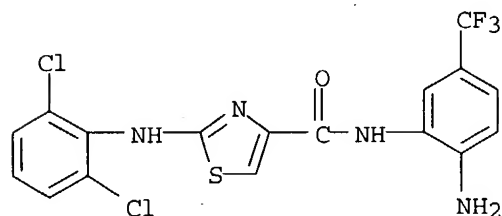
RN 736971-07-6 USPATFULL

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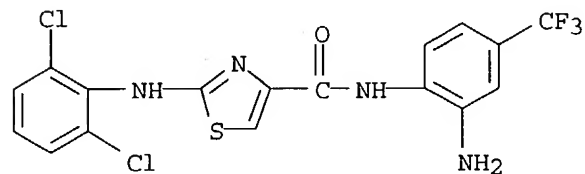
RN 736971-69-0 USPATFULL

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RN 736971-71-4 USPATFULL

CN 4-Thiazolecarboxamide, N-[2-amino-4-(trifluoromethyl)phenyl]-2-[(2,6-dichlorophenyl)amino]- (9CI) (CA INDEX NAME)



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